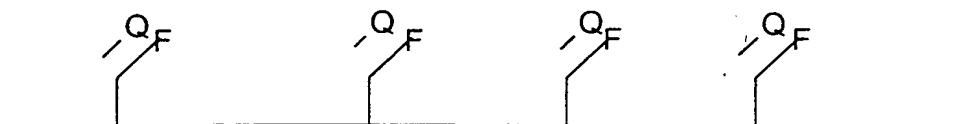


DNA array with fluorescently labelled capture oligonucleotides:



Addition of short quencher oligonucleotides to quench array:



addition of purified amplification products to array:

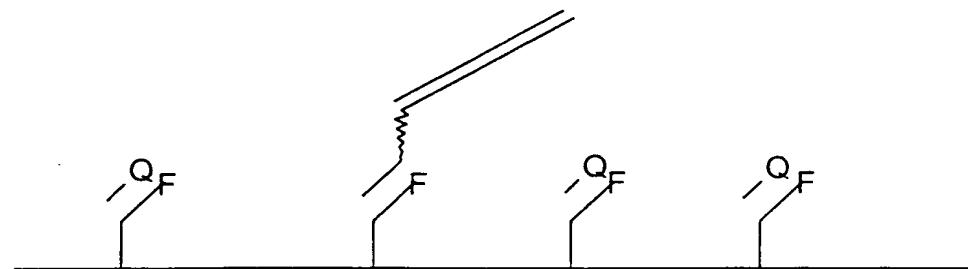


Figure 1. Use of quenching oligonucleotides (Q) for measuring primer binding.

F represents fluorescent label attached to capture oligonucleotide.

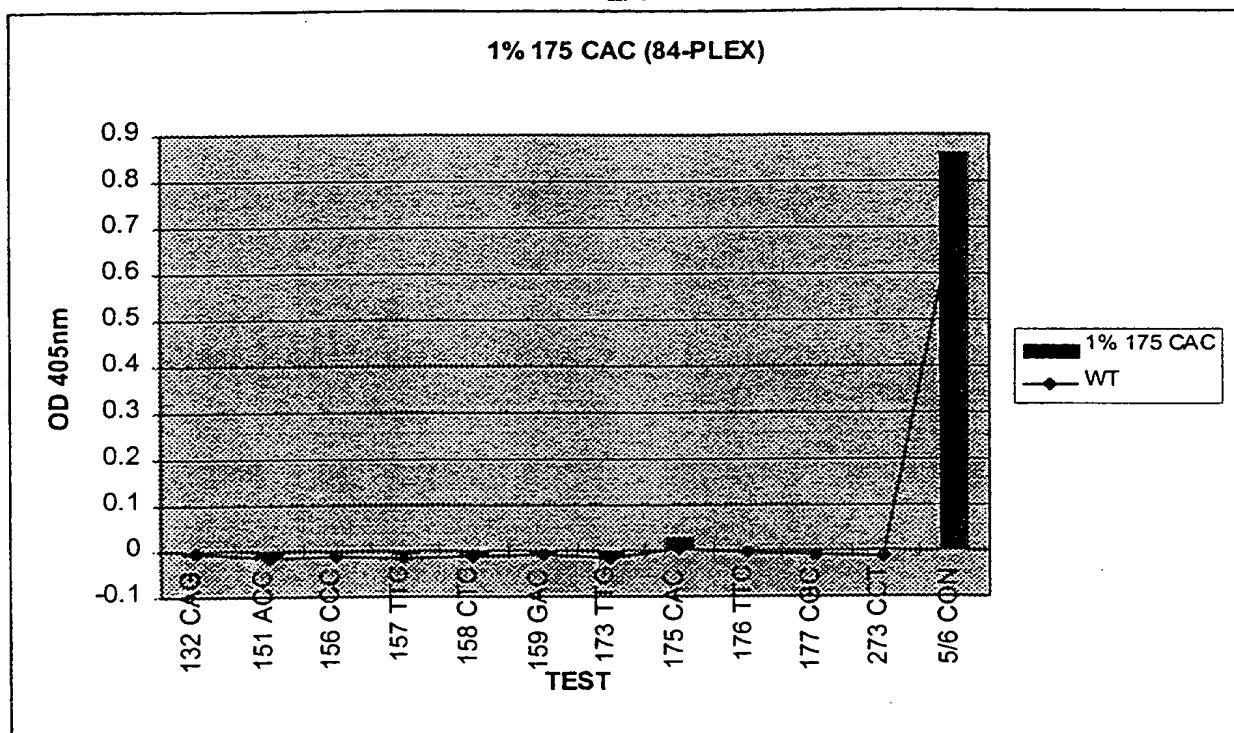


Figure 2a. Experiment 1. ODm (bars) and ODw (line)

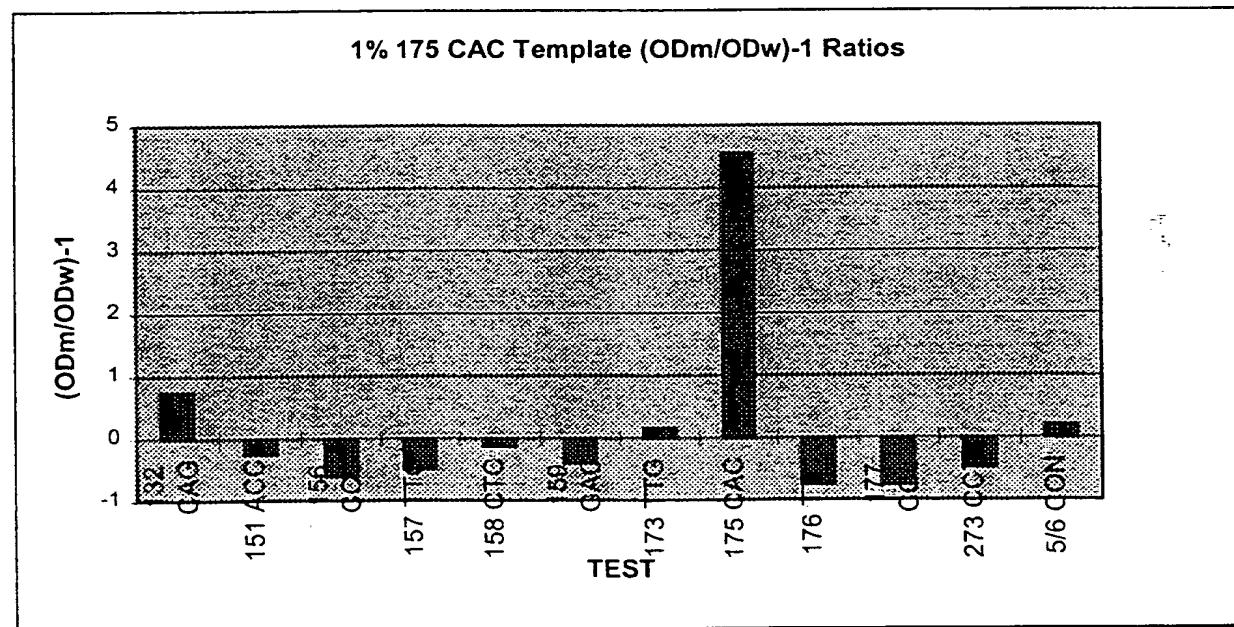


Figure 2b. Experiment 1. (ODm/ODw)-1

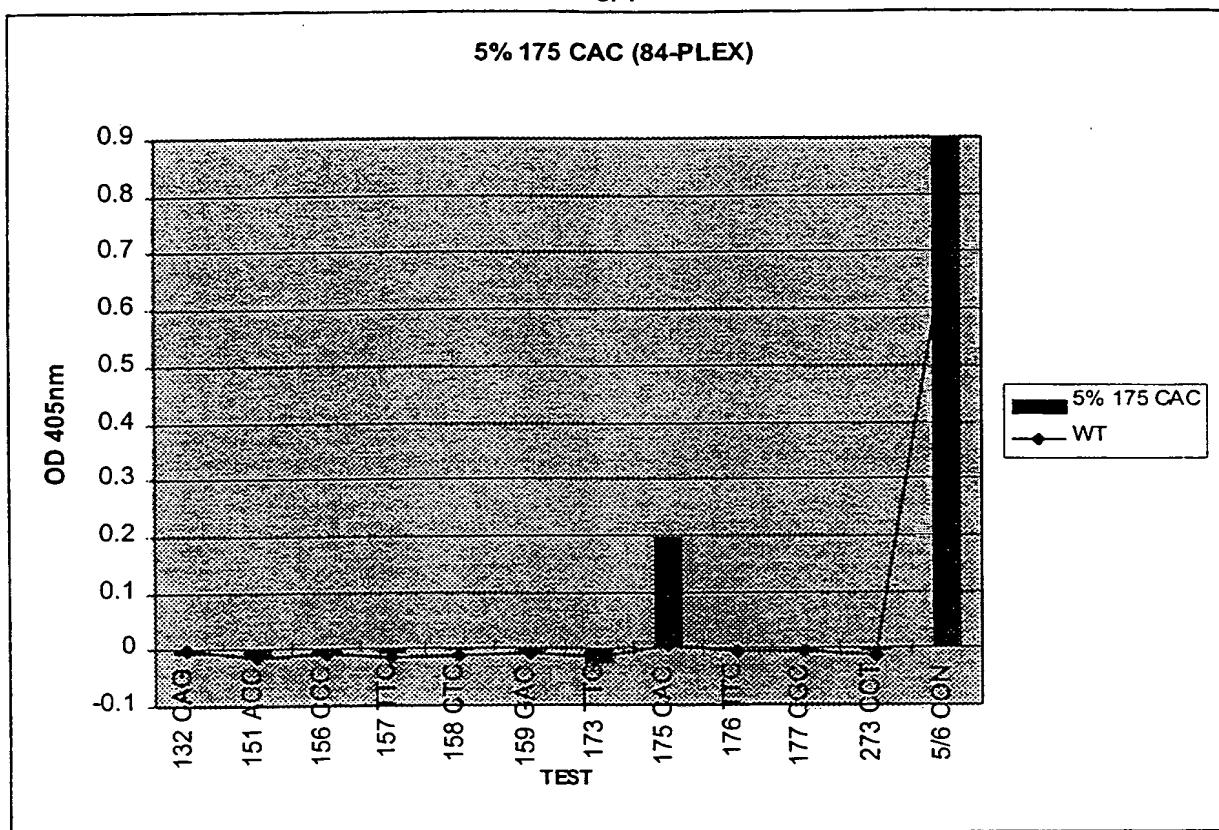


Figure 3a. Experiment 1. ODm (bars) and ODw (line)

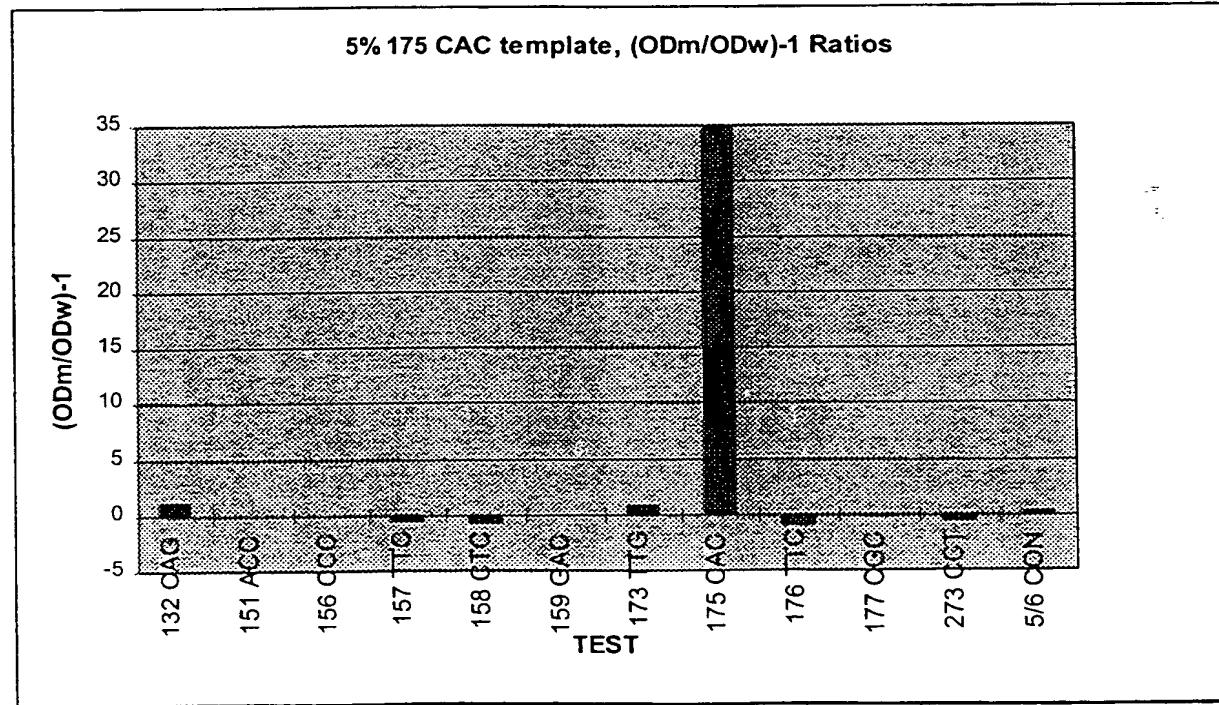
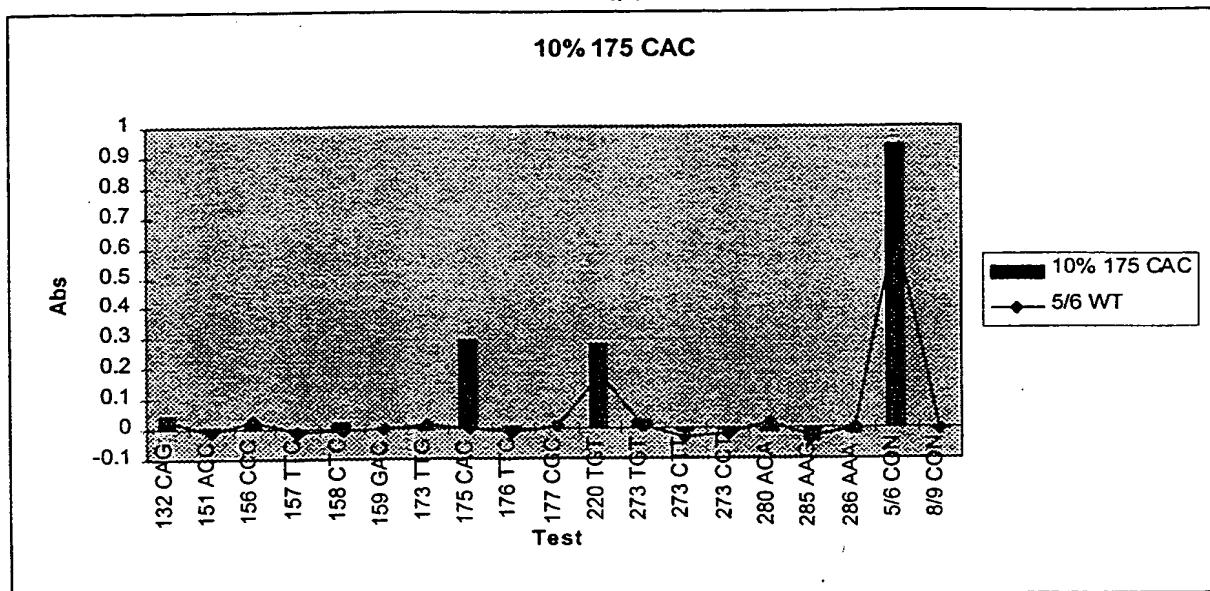
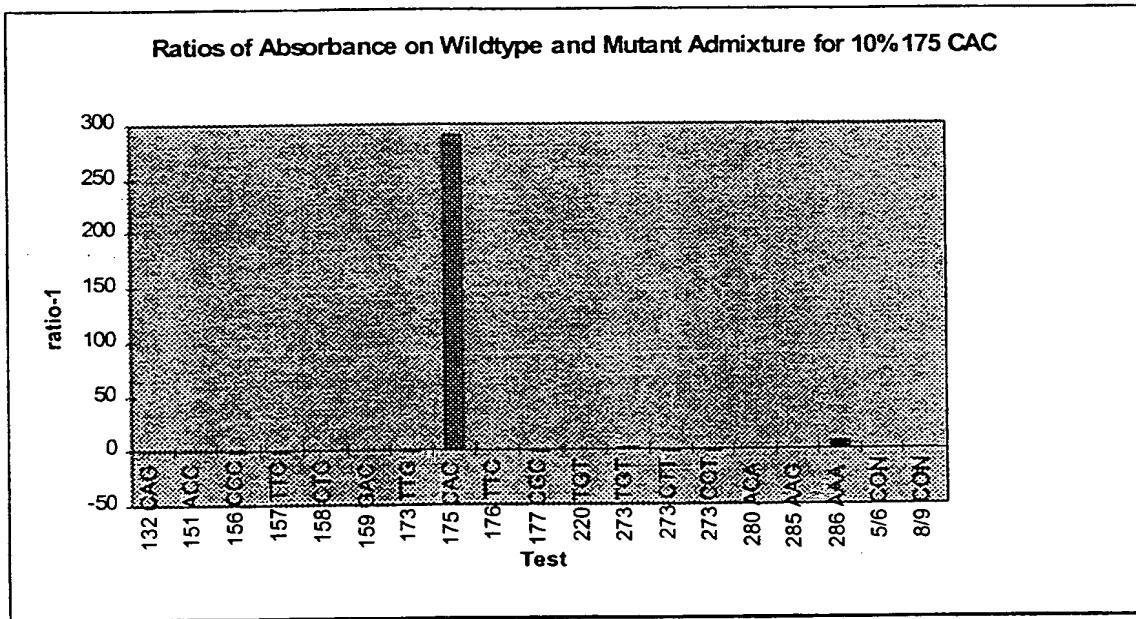


Figure 3b Experiment 1. (OD_m/OD_w)⁻¹

**Figure 4a Experiment 2. ODm (bars) and ODw (line)****Figure 4b Experiment 2. (ODm/ODw)-1**